



Federal Communications Commission
Washington, D.C. 20554

DA 05-1996

July 12, 2005

Elizabeth Buckley-Anderson
Keller and Heckman LLP
1001 G Str, NW, Ste 500 W
Washington, DC 20001

Re: Call Sign: E030216
File No.: SES-MFS-20050603-00684

Dear Ms. Buckley-Anderson:

On June 3, 2005, Anadarko Petroleum Corporation filed the above-captioned application for authority to modify a C-Band¹ earth station. Pursuant to Section 25.112(a)(1) of the Commission's rules, 47 C.F.R. §25.112(a)(1), we dismiss this application as defective because of internal inconsistencies.

Specifically, in Form 312 Schedule B, you indicate that the Total Equivalent Isotropic Radiated Power (EIRP) for All Carriers is 43.4 dBW for Antenna ID 1 and 54.0 dBW for Antenna ID 2 (Item E40). These values are inconsistent with the computed Total EIRP for All Carriers derived from the "40 Watts Maximum Total Input Power at the Antenna Flange (Item E38)" and "41 and 42 dBi Antenna Gain Transmit (Item E41)" for Antenna IDs 1 and 2 which are 57 dBW and 58 dBW, respectively.

Moreover, in Item E49, you indicate that the Maximum EIRP Density per Carrier is 30 dBW/4 kHz. This value is less than and therefore inconsistent with the average value of 52.93 dBW/4 kHz as derived from the values indicated in your application for Maximum EIRP per carrier of 54.0 dBW (Item E48) and 5.12 kHz bandwidth for the 5K12G7W emission (Item E47). Furthermore, the Maximum EIRP Density towards the Horizon (Item E60) of 24.5 dBW/4 kHz and 30.0 dBW/4 kHz, is inconsistent with the Maximum EIRP Density per Carrier (Item E49) considering the type of the antenna specified in the application. Given these inconsistencies, we cannot determine the proposed emission power.

In addition, you seek to add SATMEX-5 as a new Point of Communication for the earth station. We note that the antenna size of your earth station is 2.4 meters. This is smaller than 4.5 meters required for routine licensing in the conventional C-Band. Thus, your

¹ 3700-4200 and 5925-6425 MHz bands.

application must either include affidavits from operators of all satellites located within 6 degrees of SATMEX-5 agreeing to your proposed operations or, alternatively, a 2 degree compliance demonstration as specified in Section 25.209(f)² of the Commission's rules.

Accordingly, pursuant to Section 25.112(a)(1) of the Commission's rules, 47 C.F.R. §25.112(a)(1), and Section 0.261 of the Commission's rules on delegations of authority, 47 C.F.R. §0.261, we dismiss your application without prejudice to refiling.³

Sincerely,

Scott A. Kotler
Chief, Systems Analysis Branch
Satellite Division
International Bureau

² 47 C.F.R. § 25.209(f).

³ If Anadarko refiles an application identical to the one dismissed, with the exception of supplying the corrected information, it need not pay an application fee. See 47 C.F.R. Section 1.1109(d).